

Claims

1. A watch bracelet (1) including a watch case main (4) and a removable bracelet (3), each end (5, 6) of the bracelet (3) being connected to free respective ends (11, 31; 21, 41) of two connection elements (10, 30; 20, 40) that are connected to the main 4, characterized in that each connection element (10, 20, 30, 40) is movably mounted for displacement in relation to the main 4, the free end (11, 21 31, 41) of each connection element (10, 20, 30, 40) being capable of being oriented in different directions.
2. A watch bracelet (1) according to claim 1, characterized in that each connection element (10, 20, 30, 40) is capable of tilting vertically to about 90°.
3. A watch bracelet (1) according to either claim 1 or 2 characterized in that each connection element (10, 20, 30, 40) is capable of tilting vertically up to about 30° toward the top and about 60° toward the bottom, relative to a plane of the watch bracelet (1).
4. A watch bracelet (1) according to any one of claims 1 to 3, characterized in that each connection element (10, 20, 30, 40) is capable of tilting horizontally to about 35°.
5. A watch bracelet (1) according to any one of the claims 1 to 4, characterized in that each connection element (10, 20, 30, 40) is capable of horizontally tilting to about 5° toward the interior and about 30° toward the exterior, in relation to a plane (P) that is orthogonal to the plane of the watch bracelet (1) on the one hand and on the other hand orthogonal to the sagittal plane (S) passing through the crown (8).
6. A watch bracelet (1) according to any one of the claims 1-5, characterized in that each connection element (10, 20, 30, 40) is capable of turning axially around the direction in which the connection element (10, 20, 30, 40) extends.

7. A watch bracelet (1) according to any one of the claims 1-6 characterized in that each connection element (10, 20, 30, 40) comprises a spherical part (12, 22, 32, 42) forming a ball joint and a radial part (13, 23, 33, 43) resulting in a first assembly means (14, 24, 34, 44), the spherical part (12, 22, 32, 42) being capable of turning in a recess (15, 25, 35, 45) forming a seat, and the first assembly means (14, 24, 34, 44) being capable of cooperating by securement with a second assembly means (50, 60), connected at corresponding free end of the bracelet.

8. A watch bracelet (1) according to any one of claims 1-7 characterized in that the recess (15, 25, 35, 45) includes on the one hand, a generally hemispherical cavity (16, 26, 36, 46) housed in the main (4), and on the other hand by a removable clevis (17, 27, 37, 47), the internal face of which presents a generally complementary form for the spherical part (12, 22, 32, 42) when the spherical part (12, 22, 32, 42) is received in the cavity (16, 26, 36, 46), the clevis (17, 27, 37, 47) including an opening (18, 28, 38, 48) permitting the passage of the radial part (13, 23, 33, 43) to achieve corresponding mobility of the connection element (10, 20, 30, 40).

9. A watch bracelet (1) according to claim 8 characterized in that each clevis (17, 27, 37, 47) is connected onto the main (4) by screws.

10. A watch bracelet (1) according to any one of claims 7-9 characterized in that each first assembly means (14, 24, 34, 44) comprises a pass through bore, forming a bearing (19, 29, 39, 49), this is capable of cooperating with a connection pin (51, 61) forming second assembly means (50, 60).

11. A watch bracelet (1) according to claim 10 characterized in that each connection pin (51, 61) is connected to two corresponding bearings (19, 39; 29, 49) by two intermediary set screws (52a, 52b; 62a, 62b) forming a stop at the respective ends of the connection pin (51, 61).

ABSTRACT OF THE DISCLOSURE

A wrist watch includes a watch case main and a removable strap. Each end of the strap is solidly connected to respective free ends of two linking elements that are solidly connected to the main. Each linking element is mounted so that it can move in relation to the main and the free end of each linking element can be oriented in different directions.